

California Energy Commission
Committee Workshop on 2010-2020 Peak Demand and
Energy Forecast

Sacramento Municipal utility District
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Forecast Background

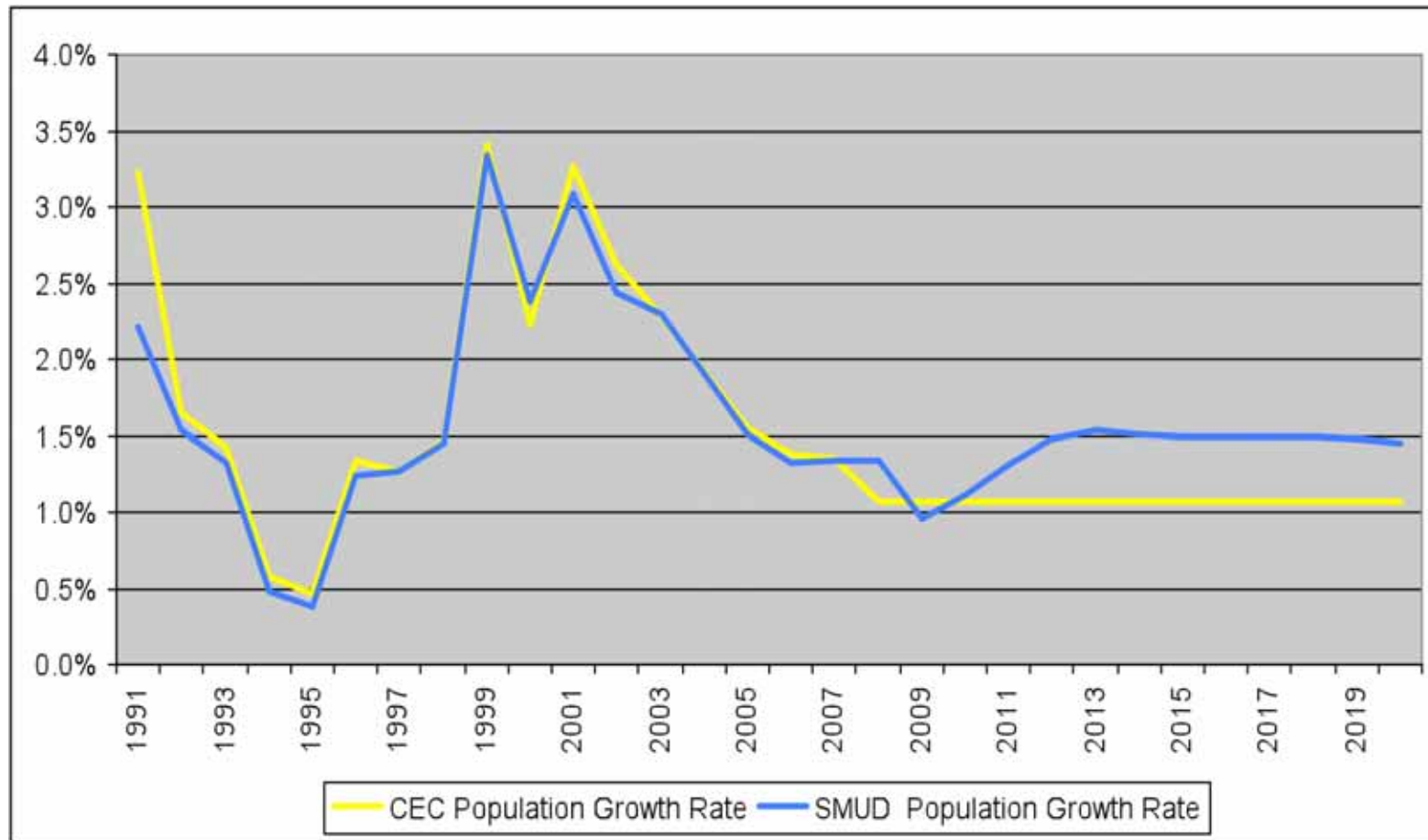
- Statistical Forecast Model
- Short Term Forecast
- Unmanaged Forecast
- Managed Forecast
 - = Unmanaged Forecast
 - less
 - Energy Efficiency
 - Distributed Generation
 - Building and Appliance Standards

Summary of Forecast

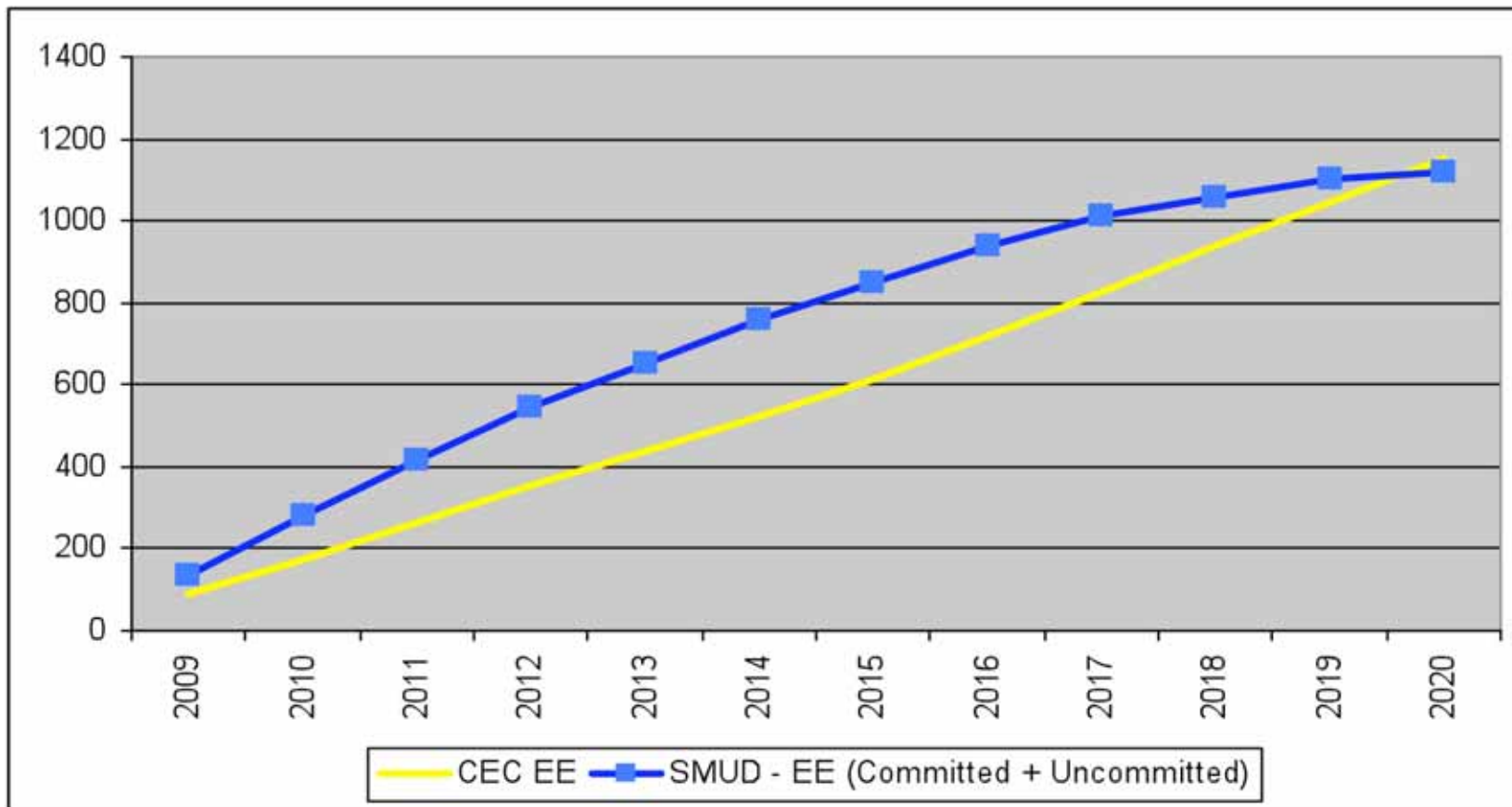
- By 2020...

	CEC	SMUD	Difference
Population Growth (% per year)	1.0%	1.5%	0.5%
Residential Customers	602,839	613,537	1.8%
Energy Efficiency			
Sales (GWH)	1,154	1,117	-3%
Peak (MW)	319	323	1%
Distributed Generation (GWH)	55	386	602%
Energy Sales (GWH, Managed)	12,203	11,408	-7%
System Peak (MW - Managed)	3,446	3,126	-9%
Energy Sales Per Customer (kWh/person)			
Unmanaged		7,970	
Managed	7,643	7,042	-8%

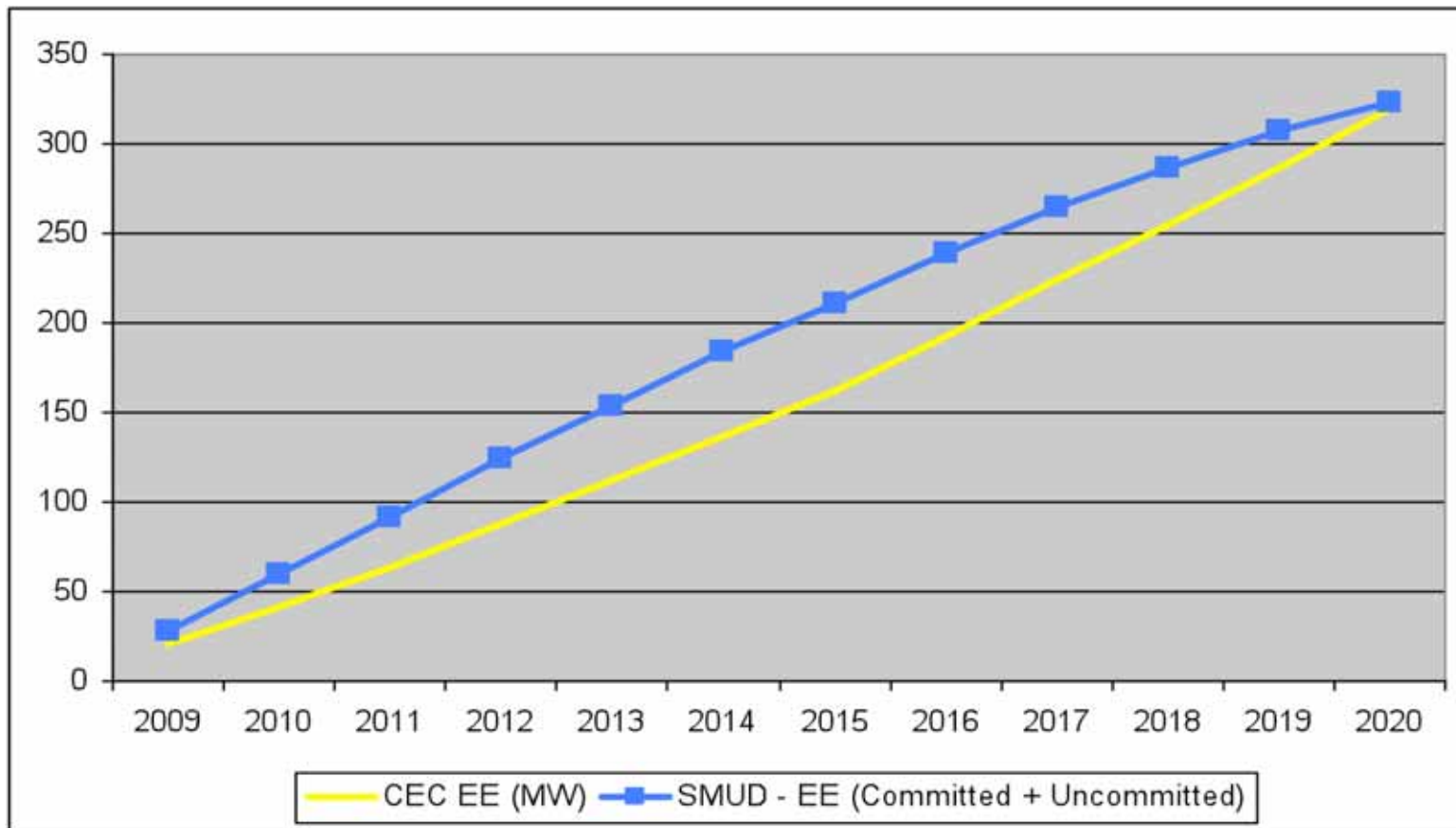
Population Growth Rates



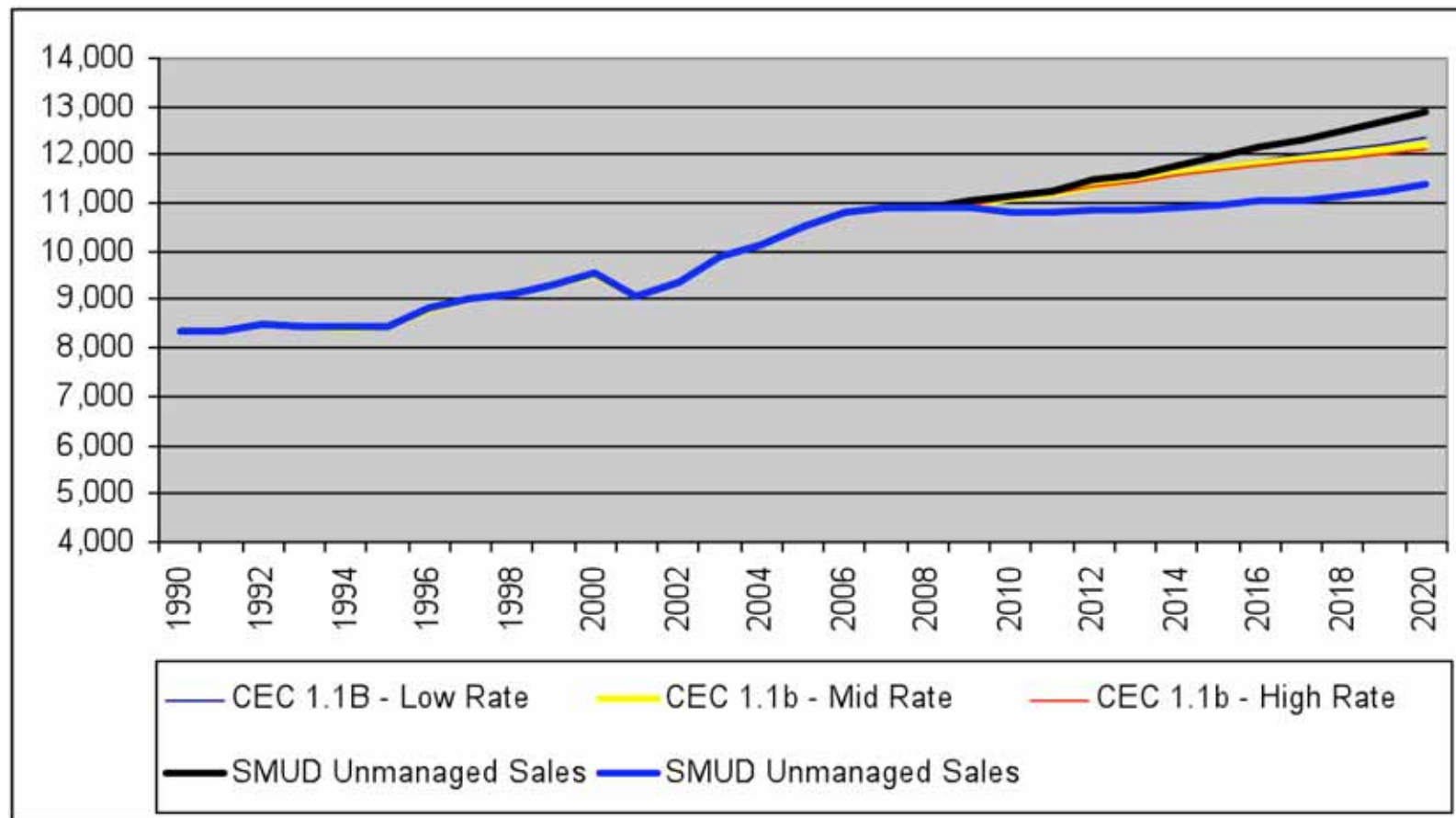
Energy Efficiency (GWH)



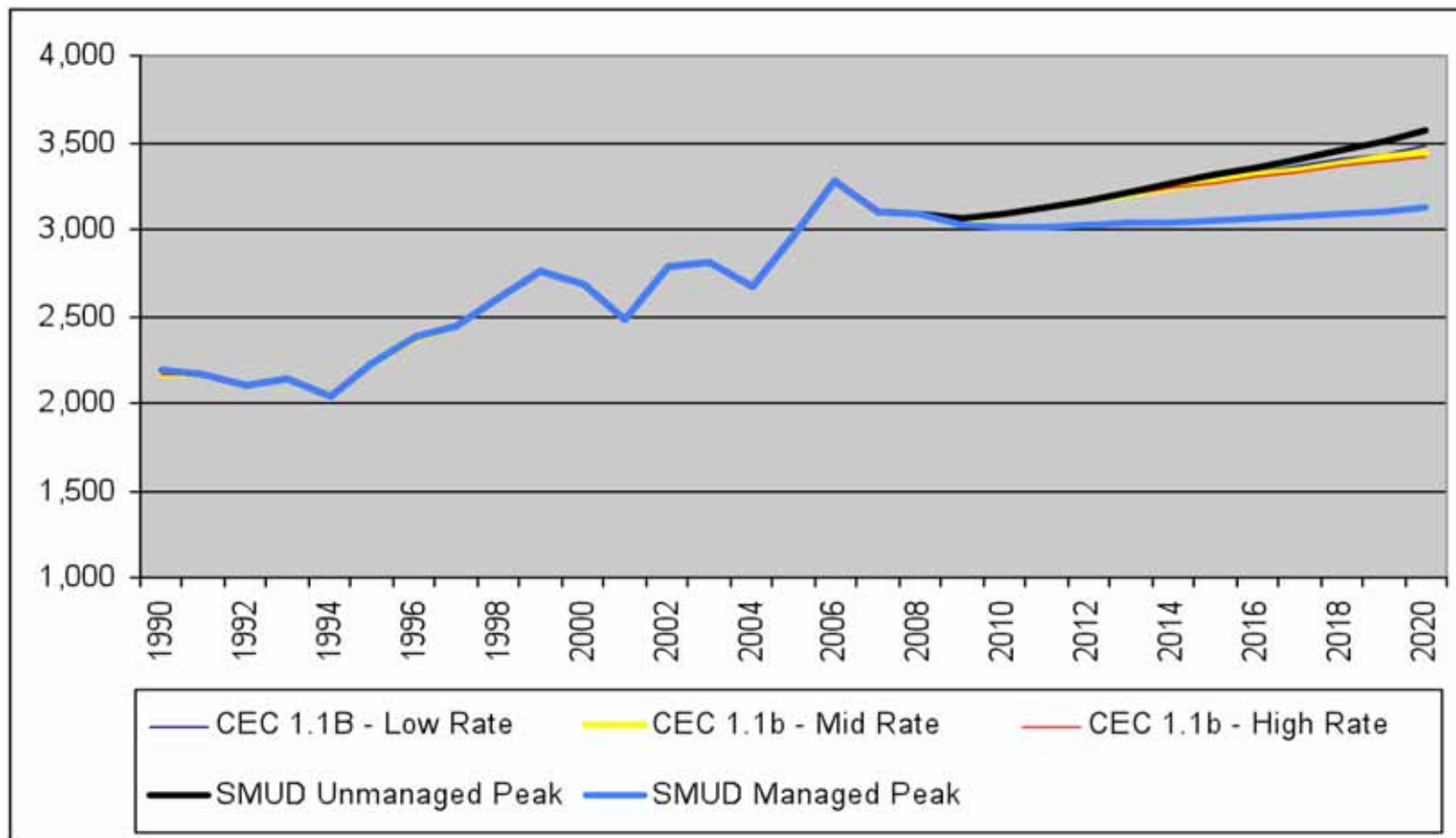
Energy Efficiency (Peak MW)



Retail Sales (GWH)



Peak Demand (MW)



Energy Sales (kWh/person)

